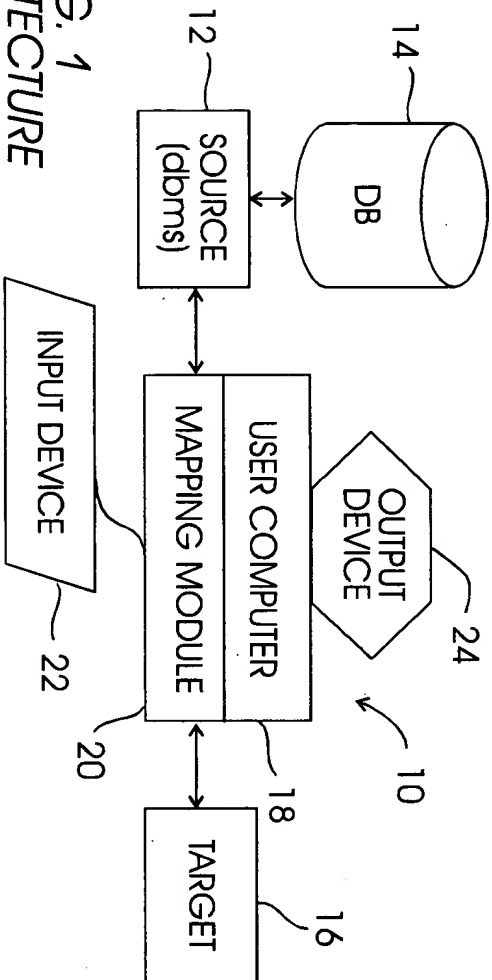


FIG. 1  
ARCHITECTURE



INPUT VALUE  
CORRESPONDENCES

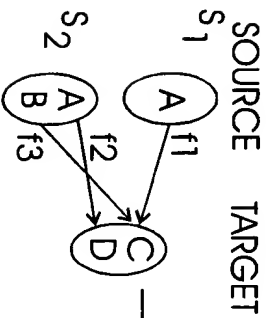
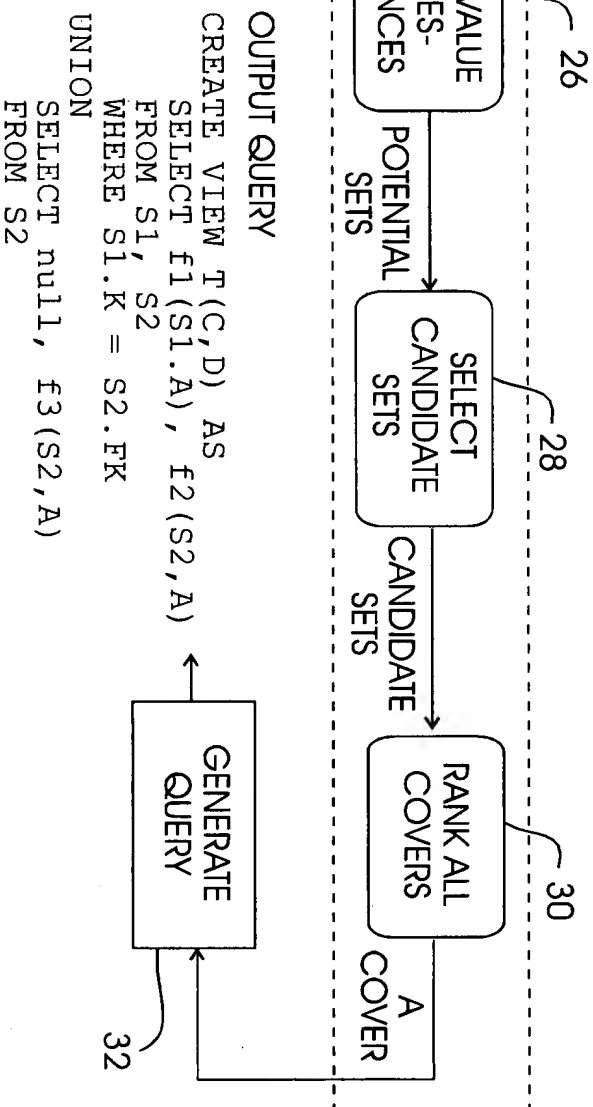
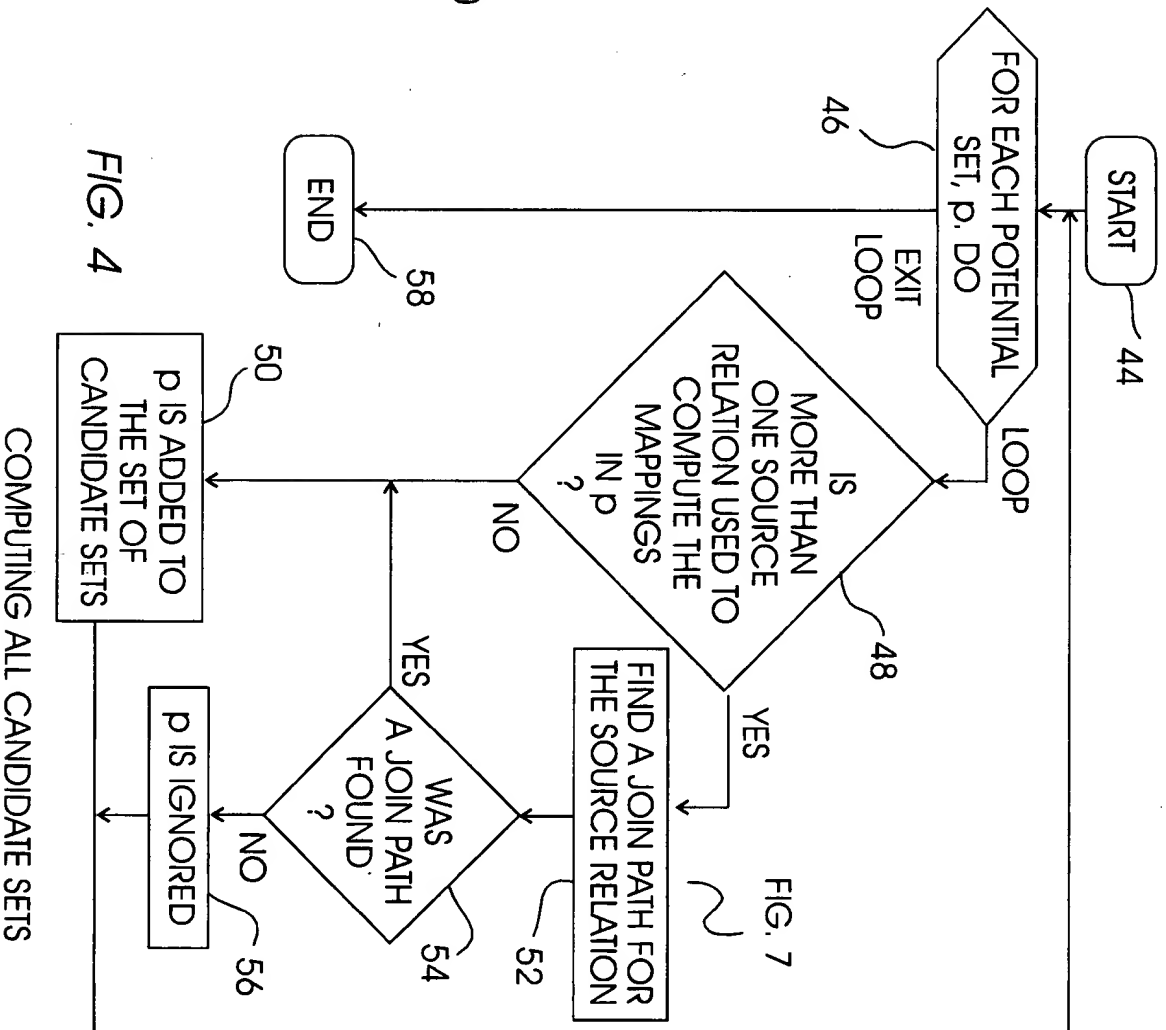
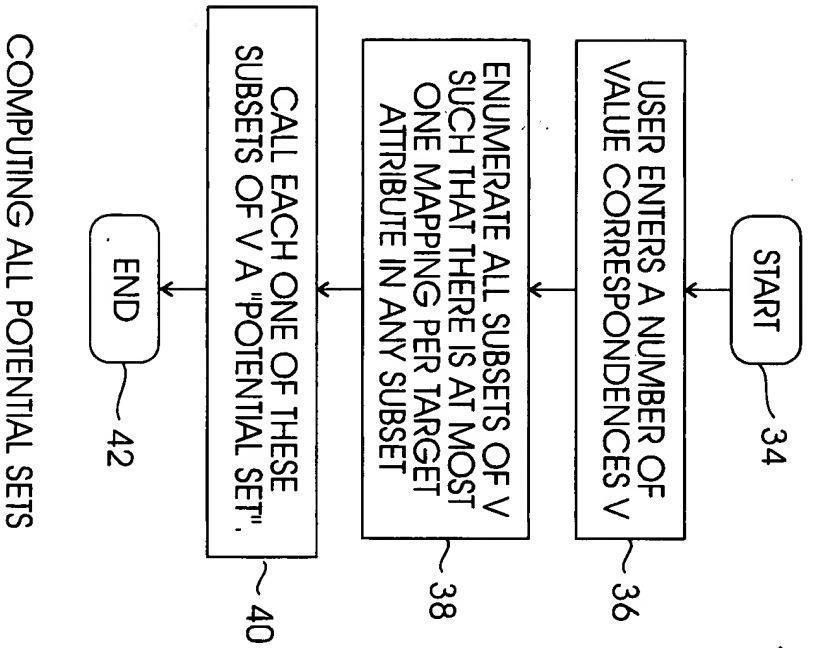
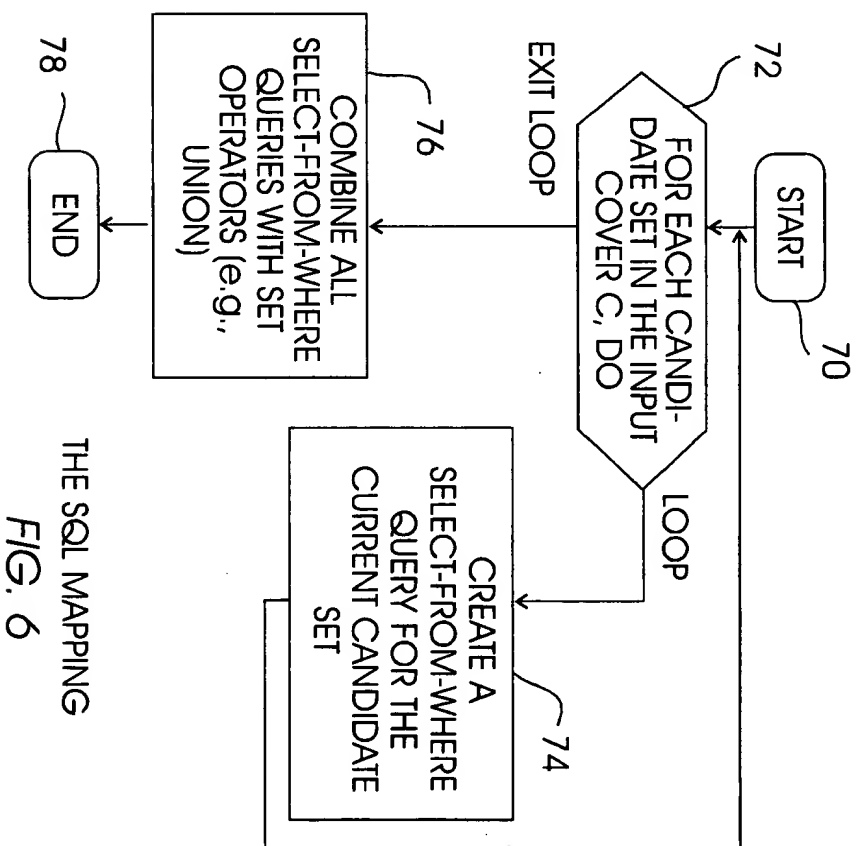
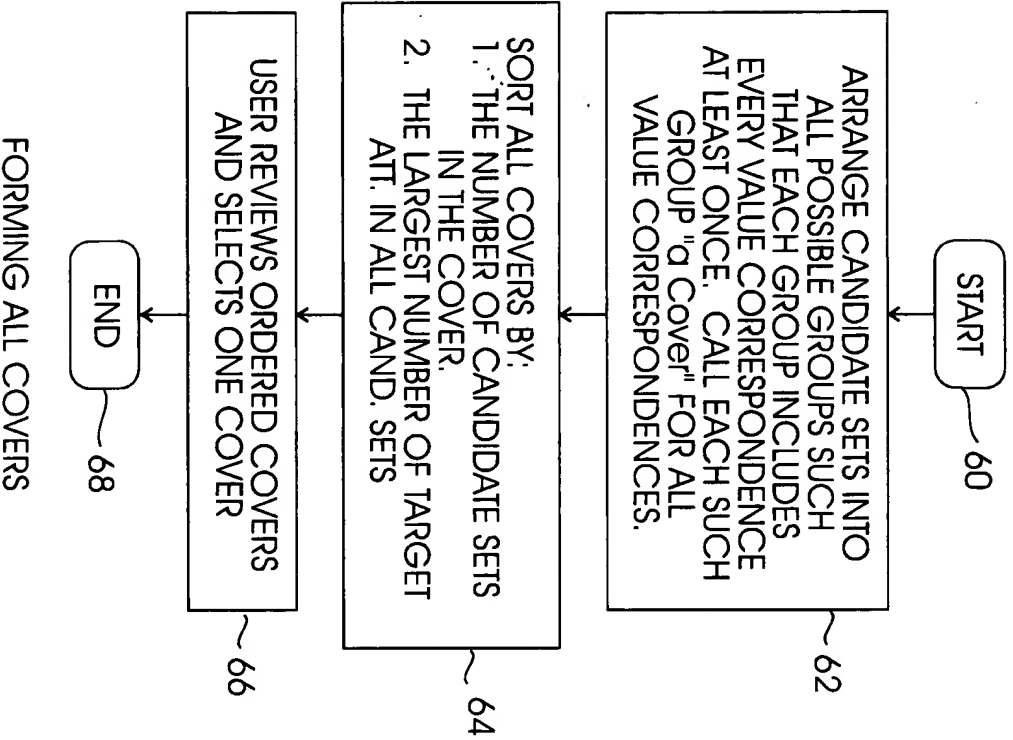
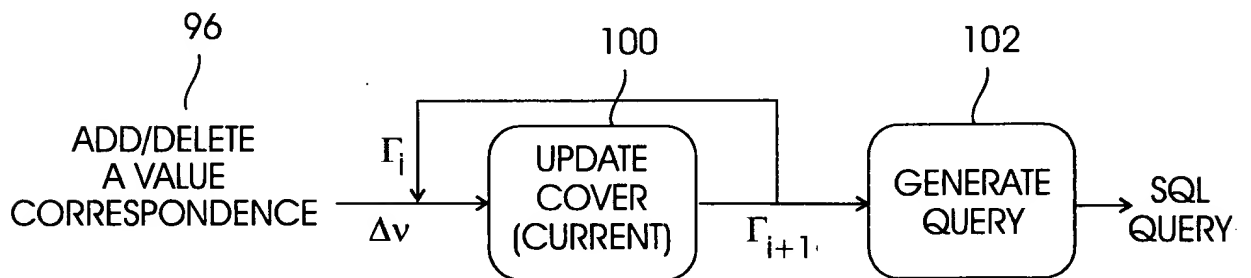
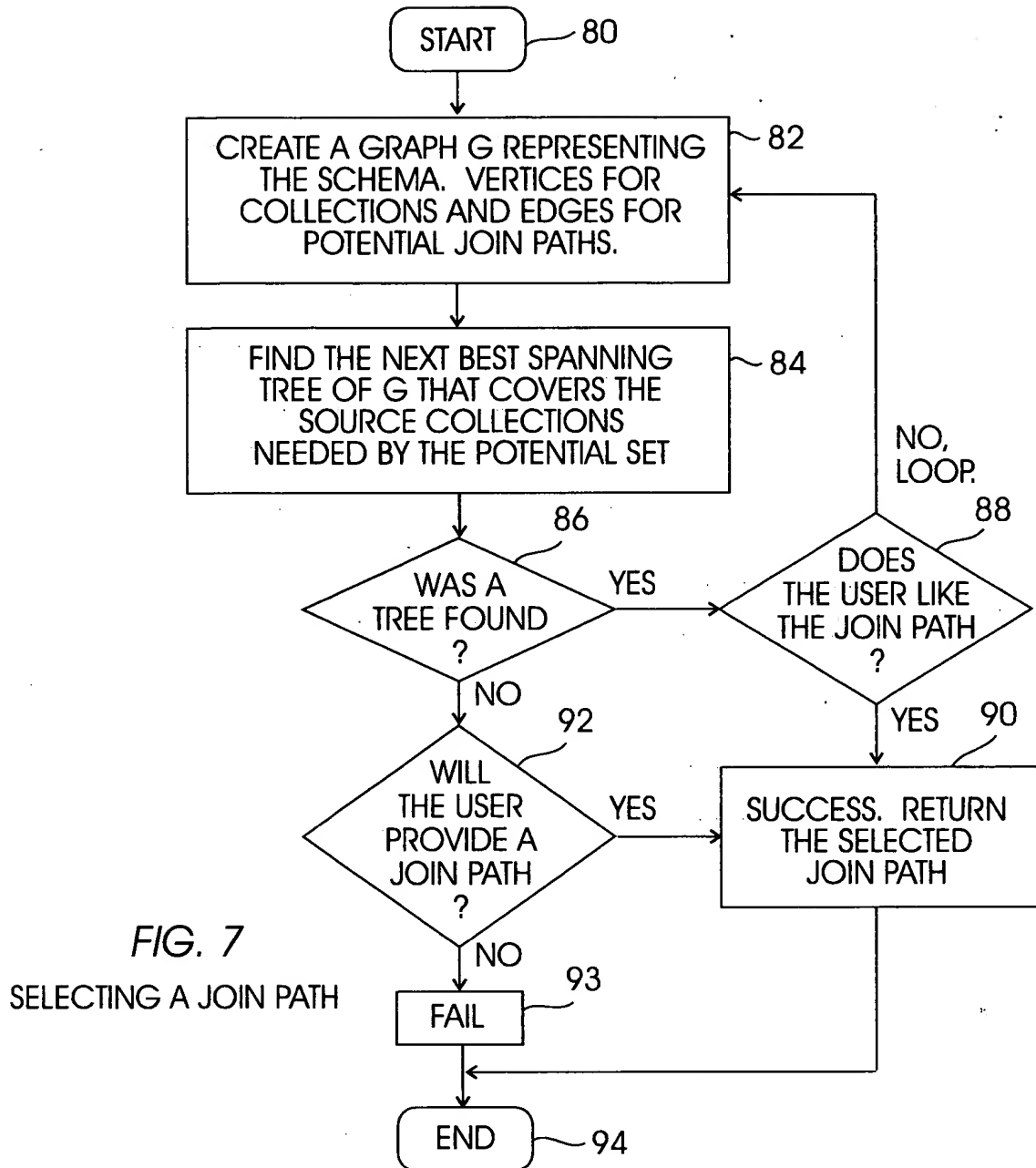


FIG. 2  
OVERALL LOGIC,  
BATCH MODE









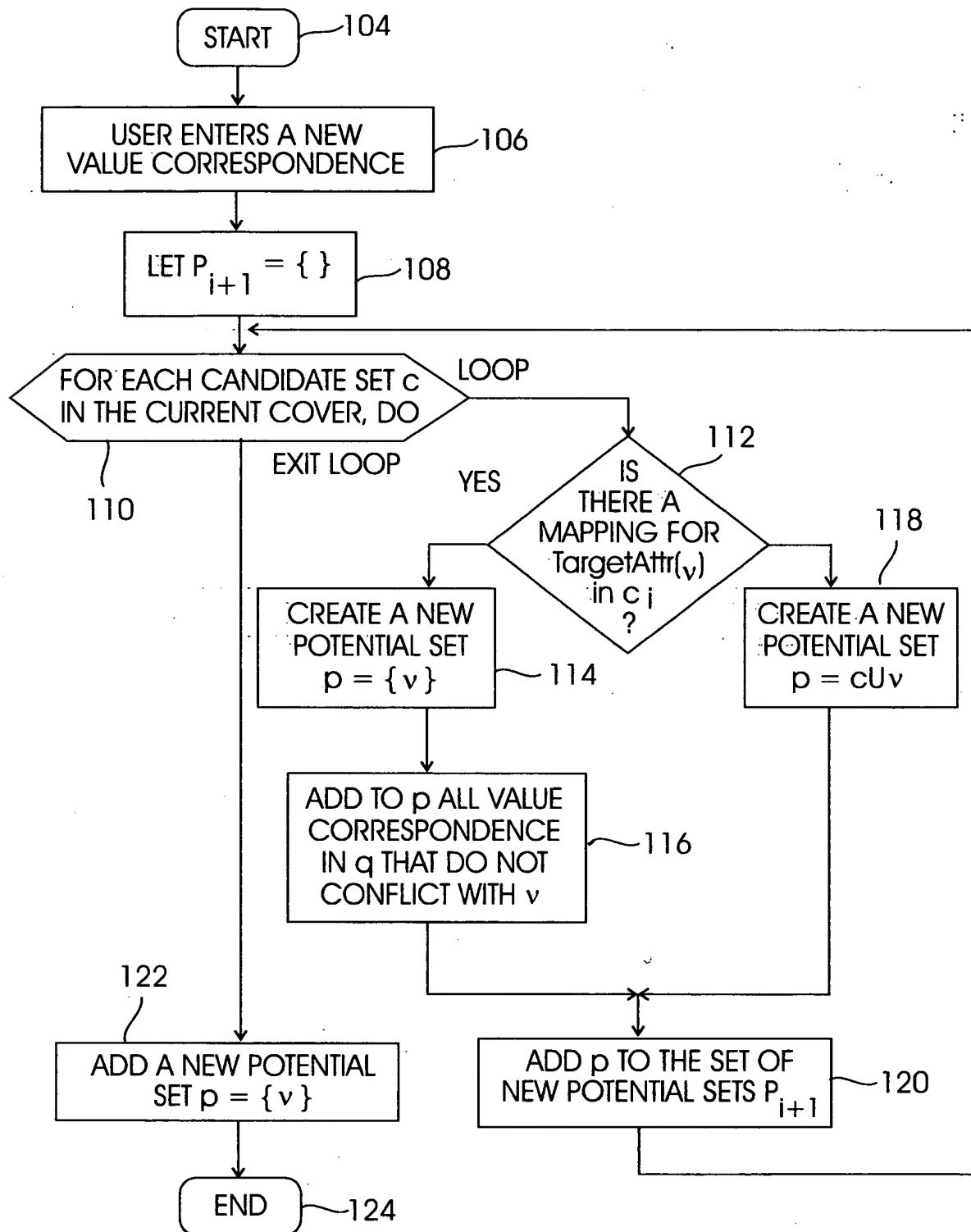


FIG. 9

COMPUTE THE NEW POTENTIAL SETS

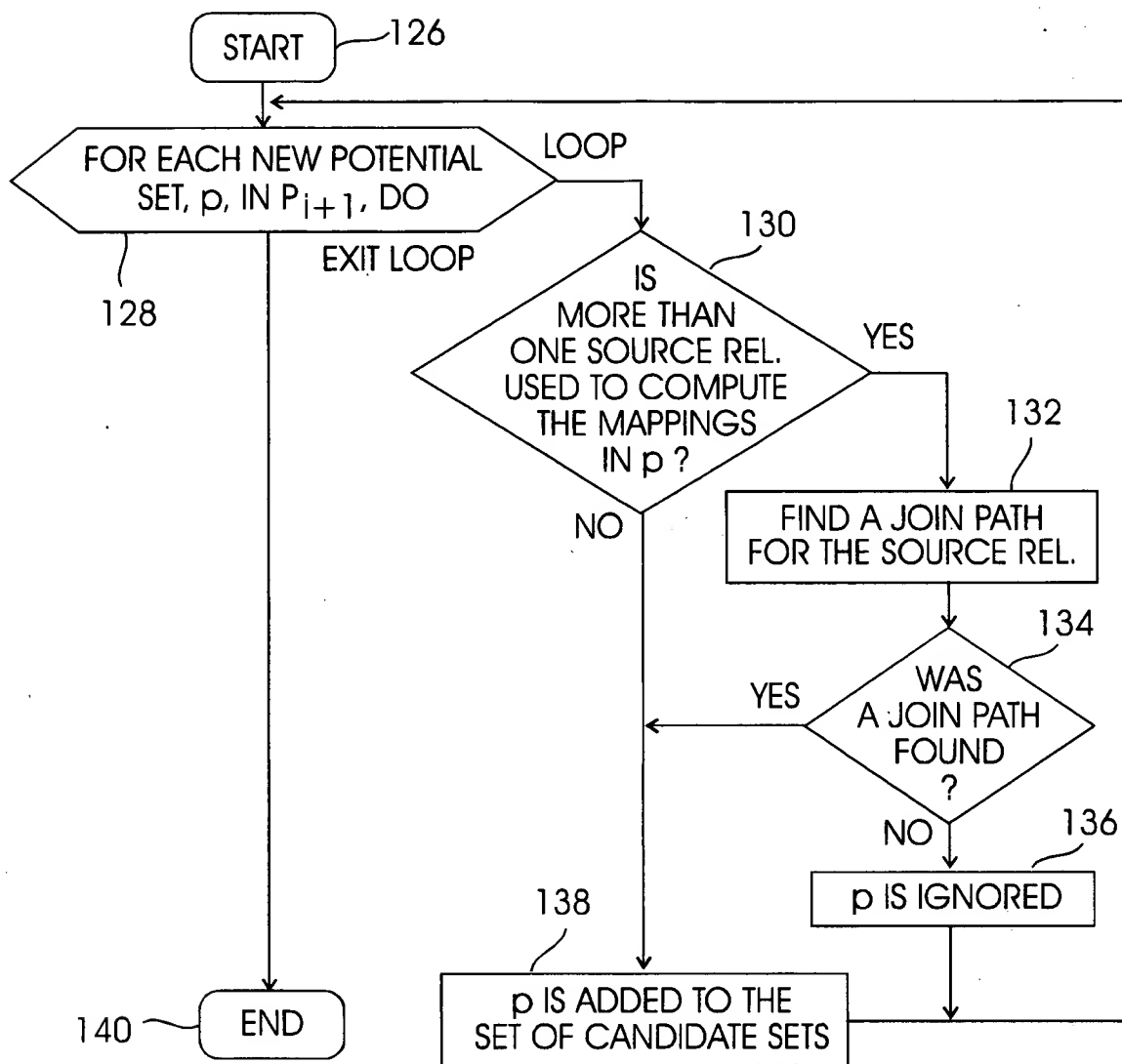
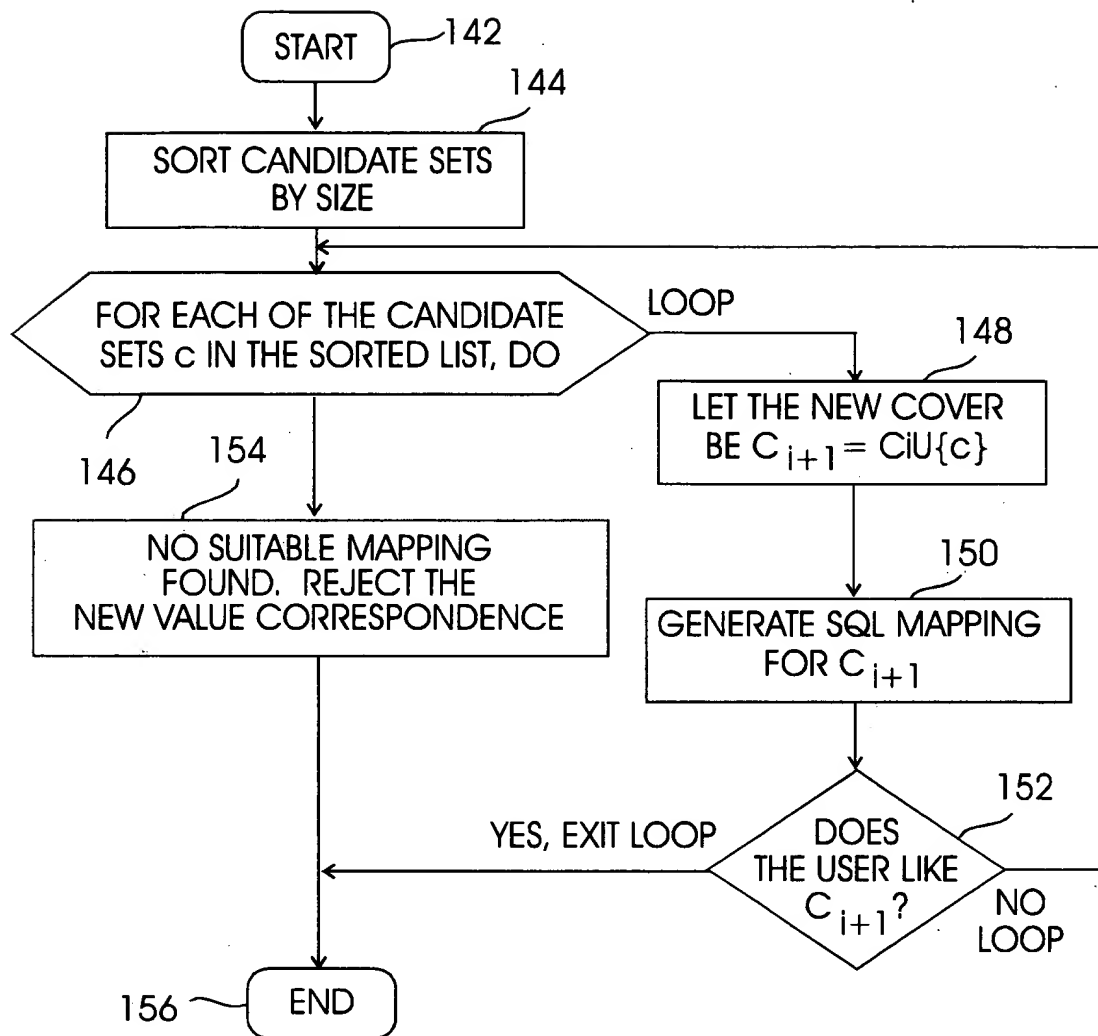


FIG. 10

COMPUTE THE NEW CANDIDATE SETS



**FIG. 11**  
SELECT A NEW COVER AND SQL MAPPING

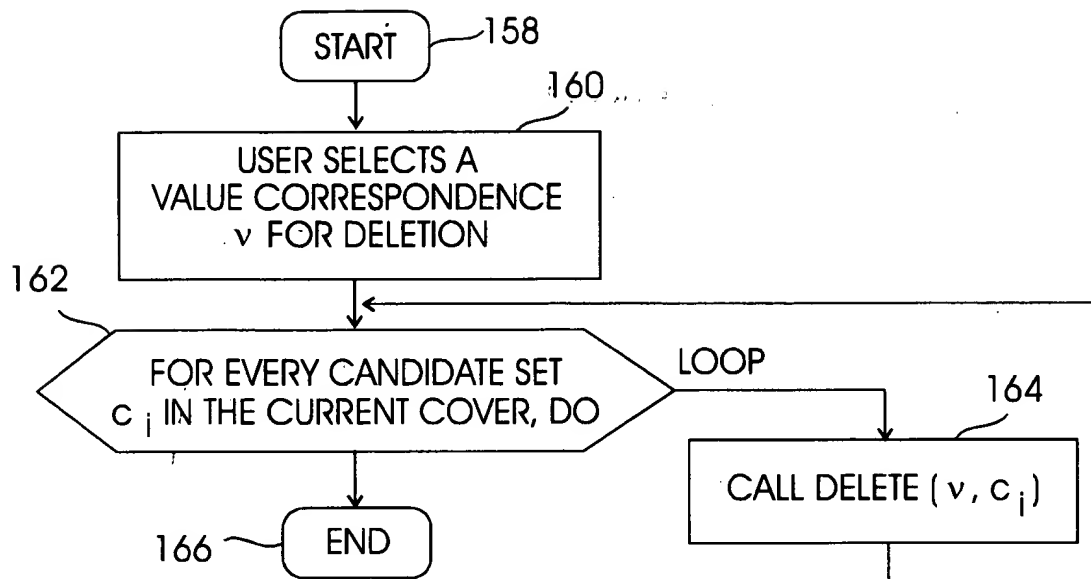


FIG. 12

DELETING A VALUE CORRESPONDENCE

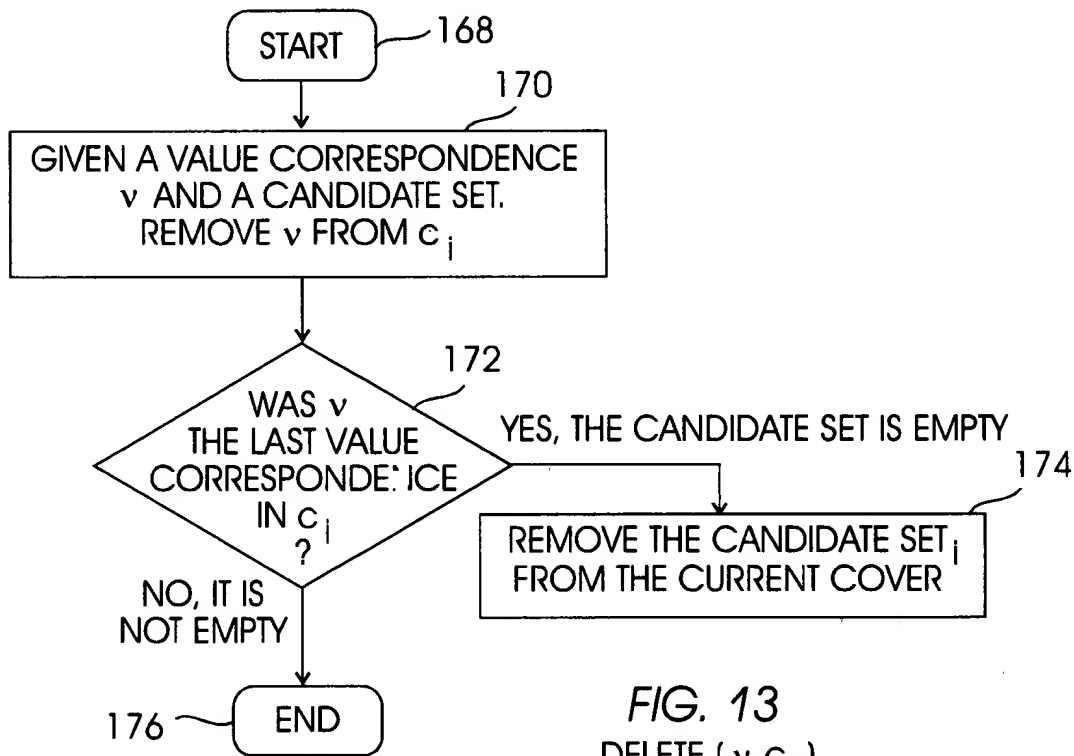


FIG. 13

DELETE ( $v, c_i$ )